

FIG. 1

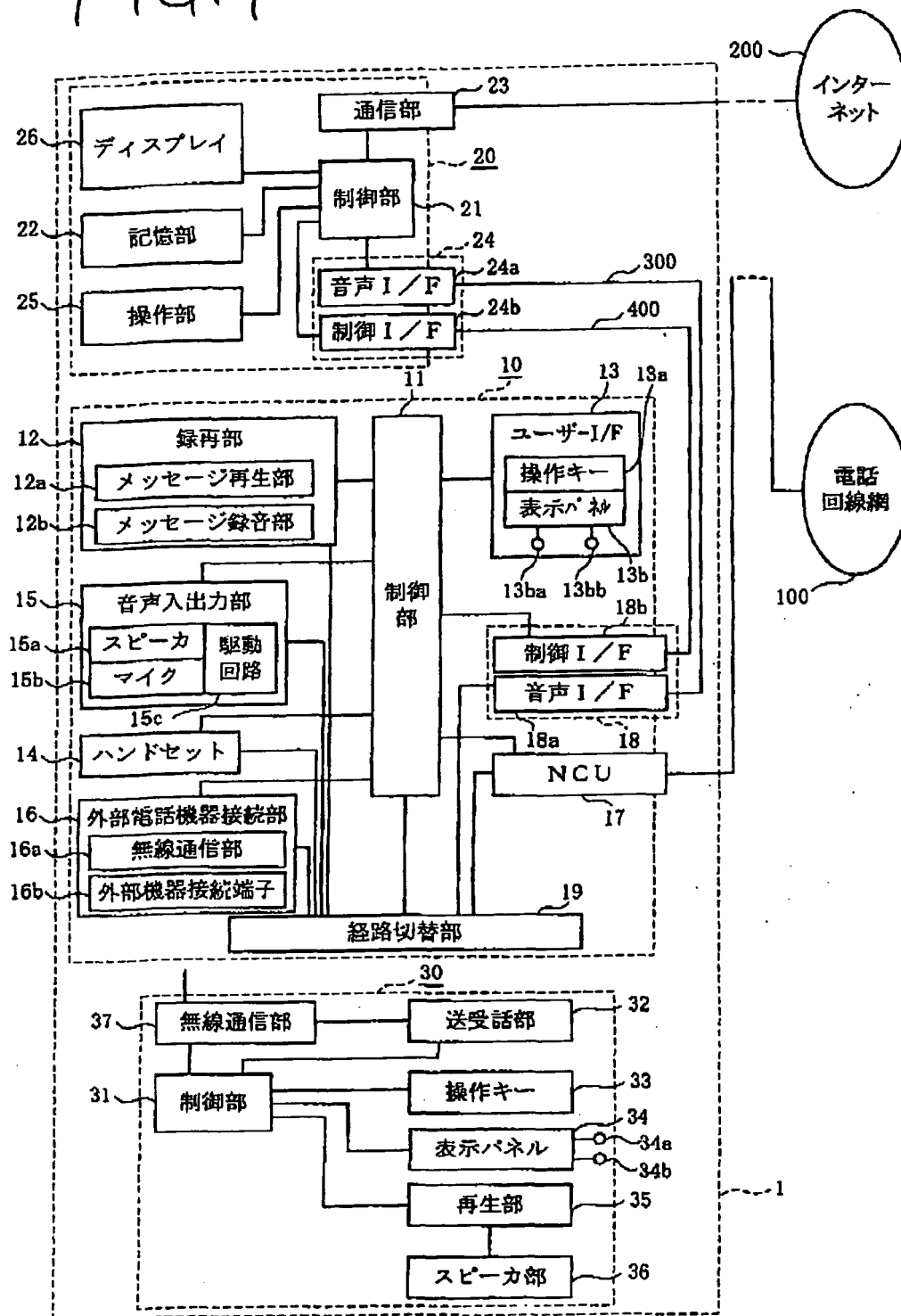


FIG. 1

- 11 CONTROL SECTION
- 12 RECORD AND PLAYBACK SECTION
- 12a MESSAGE PLAYBACK SECTION
- 12b MESSAGE RECORD SECTION
- 13 USER I/F
- 13a OPERATION KEYS
- 13b DISPLAY PANEL
- 14 HANDSET
- 15 VOICE INPUT/OUTPUT SECTION
- 15a LOUDSPEAKER
- 15b MICROPHONE
- 15c DRIVE CIRCUIT
- 16 EXTERNAL TELEPHONE CONNECTION SECTION
- 16a RADIO COMMUNICATION SECTION
- 16b EXTERNAL MACHINE CONNECTION TERMINAL
- 18a VOICE I/F
- 18b CONTROL I/F
- 19 PATH SWITCHING SECTION
- 21 CONTROL SECTION
- 22 STORAGE SECTION
- 28 COMMUNICATION SECTION
- 24a VOICE I/F
- 24b CONTROL I/F
- 25 OPERATION SECTION
- 26 DISPLAY
- 31 CONTROL SECTION
- 32 TRANSMISSION-RECEPTION SECTION
- 33 OPERATION KEYS
- 34 DISPLAY PANEL
- 35 PLAYBACK SECTION
- 36 LOUDSPEAKER SECTION
- 37 RADIO COMMUNICATION SECTION
- 100 TELEPHONE NETWORK
- 200 INTERNET

FIG. 2

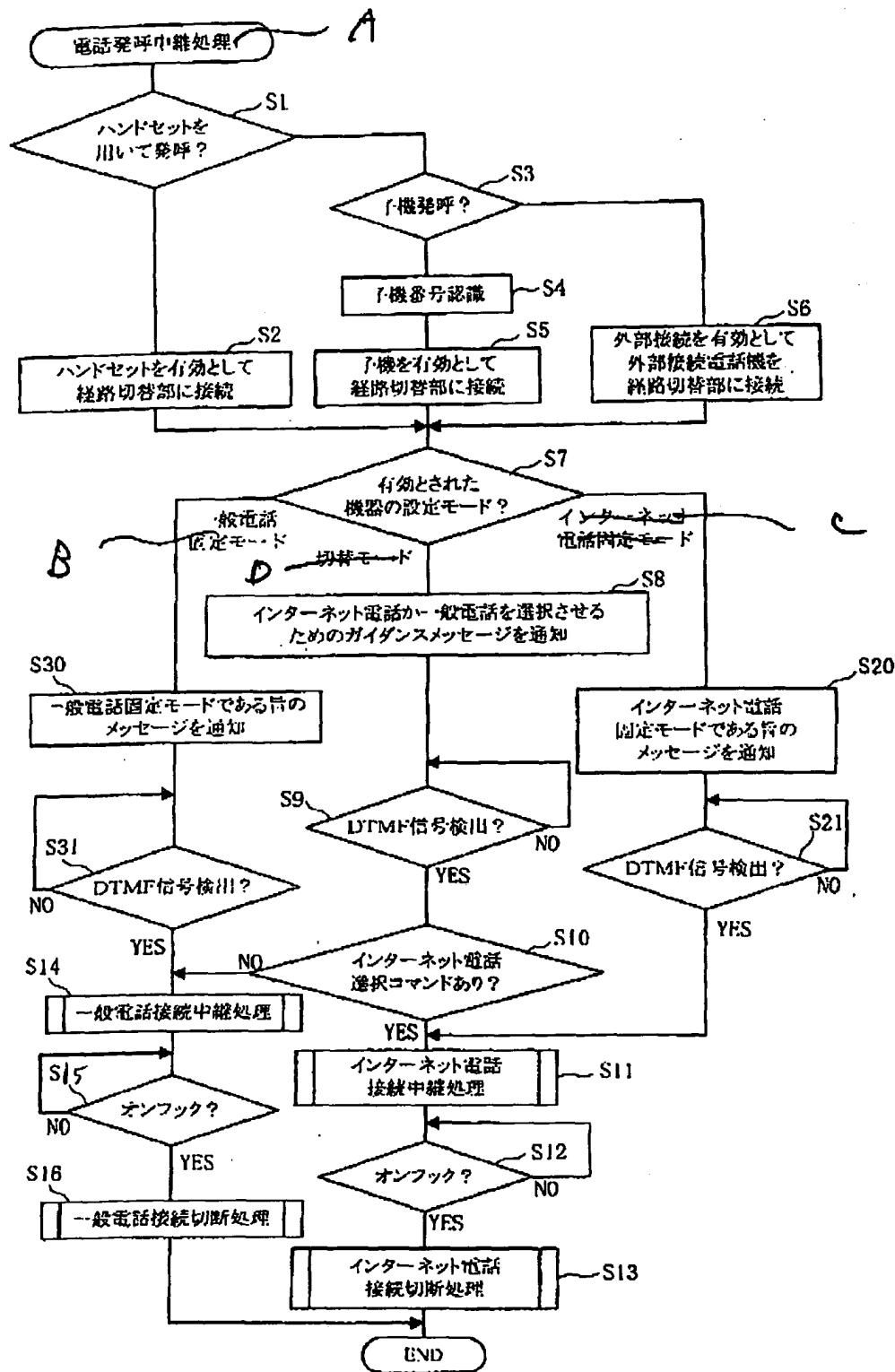


FIG. 2

A: TELEPHONE CALLING RELAY PROCESSING

S1 CALL MADE USING HANDSET?

S2 VALIDATE HANDSET AND CONNECT HANDSET TO PATH SWITCHING SECTION

S3 CALL MADE FROM SLAVE?

S4 RECOGNIZE NUMBER OF SLAVE

S5 VALIDATE SLAVE AND CONNECT SLAVE TO PATH SWITCHING SECTION

S6 VALIDATE EXTERNAL CONNECTION AND CONNECT EXTERNAL CONNECTED TELEPHONE TO PATH SWITCHING SECTION

S7 WHAT IS SETUP MODE OF VALIDATED MACHINE?

B: GENERAL TELEPHONE FIXED MODE

C: INTERNET TELEPHONE FIXED MODE

D: SWITCH MODE

S8 SEND GUIDANCE MESSAGE FOR REQUESTING USER TO SELECT INTERNET TELEPHONE OR GENERAL TELEPHONE

S9 DTMF SIGNAL DETECTED?

S10 INTERNET TELEPHONE SELECTION COMMAND CONTAINED?

S11 PERFORM INTERNET TELEPHONE CONNECTION RELAY PROCESSING

S12 ON-HOOK?

S13 PERFORM INTERNET TELEPHONE DISCONNECTION PROCESSING

S14 PERFORM GENERAL TELEPHONE CONNECTION RELAY PROCESSING

S15 ON-HOOK?

S16 PERFORM GENERAL TELEPHONE DISCONNECTION PROCESSING

S20 SEND MESSAGE INDICATING THAT INTERNET TELEPHONE FIXED MODE IS SET

S21 DTMF SIGNAL DETECTED?

S30 SEND MESSAGE INDICATING THAT GENERAL TELEPHONE FIXED MODE IS SET

S31 DTMF SIGNAL DETECTED?

FIG-3

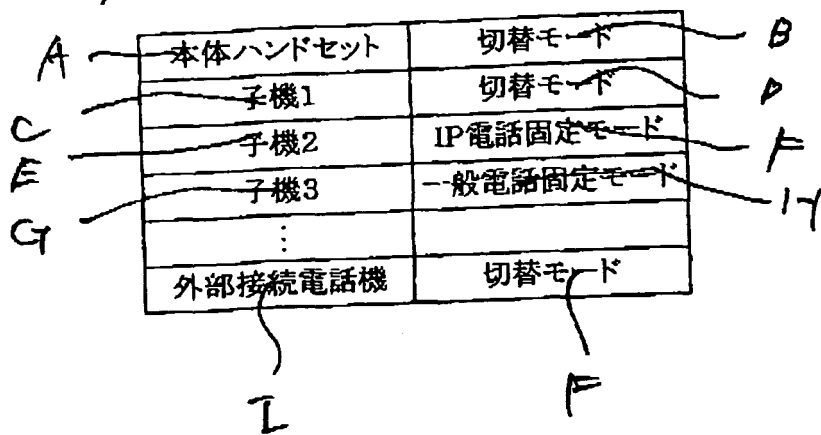


FIG. 3

A:	MAIN UNIT HANDSET	B:	SWITCH MODE
C:	SLAVE 1	D:	SWITCH MODE
E:	SLAVE 2	F:	IP TELEPHONE FIXED MODE
G:	SLAVE 3	H:	GENERAL TELEPHONE FIXED MODE
I:	EXTERNAL CONNECTED TELEPHONE	F:	SWITCH MODE

FIG. 4

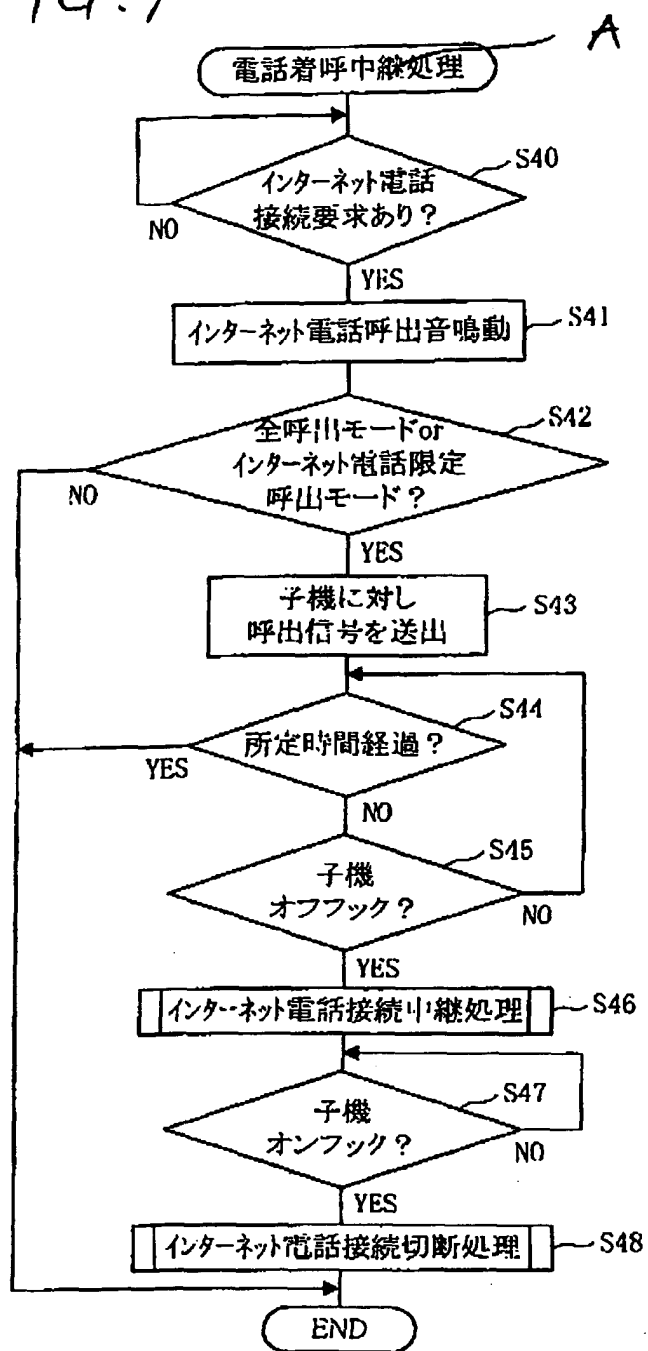


FIG. 4

A: INCOMING CALL RELAY PROCESSING
S40 INTERNET TELEPHONE CONNECTION REQUEST RECEIVED?
S41 MAKE INTERNET TELEPHONE RING TONE
S42 IS SETUP MODE ALL CALLING MODE OR INTERNET TELEPHONE ONLY
CALLING MODE?
S43 SEND RINGING SIGNAL TO SLAVE
S44 HAS PREDETERMINED TIME ELAPSED?
S45 SLAVE OFF-HOOK?
S46 PERFORM INTERNET TELEPHONE CONNECTION RELAY PROCESSING
S47 SLAVE ON-HOOK?
S48 PERFORM INTERNET TELEPHONE DISCONNECTION PROCESSING
END

FIG. 5

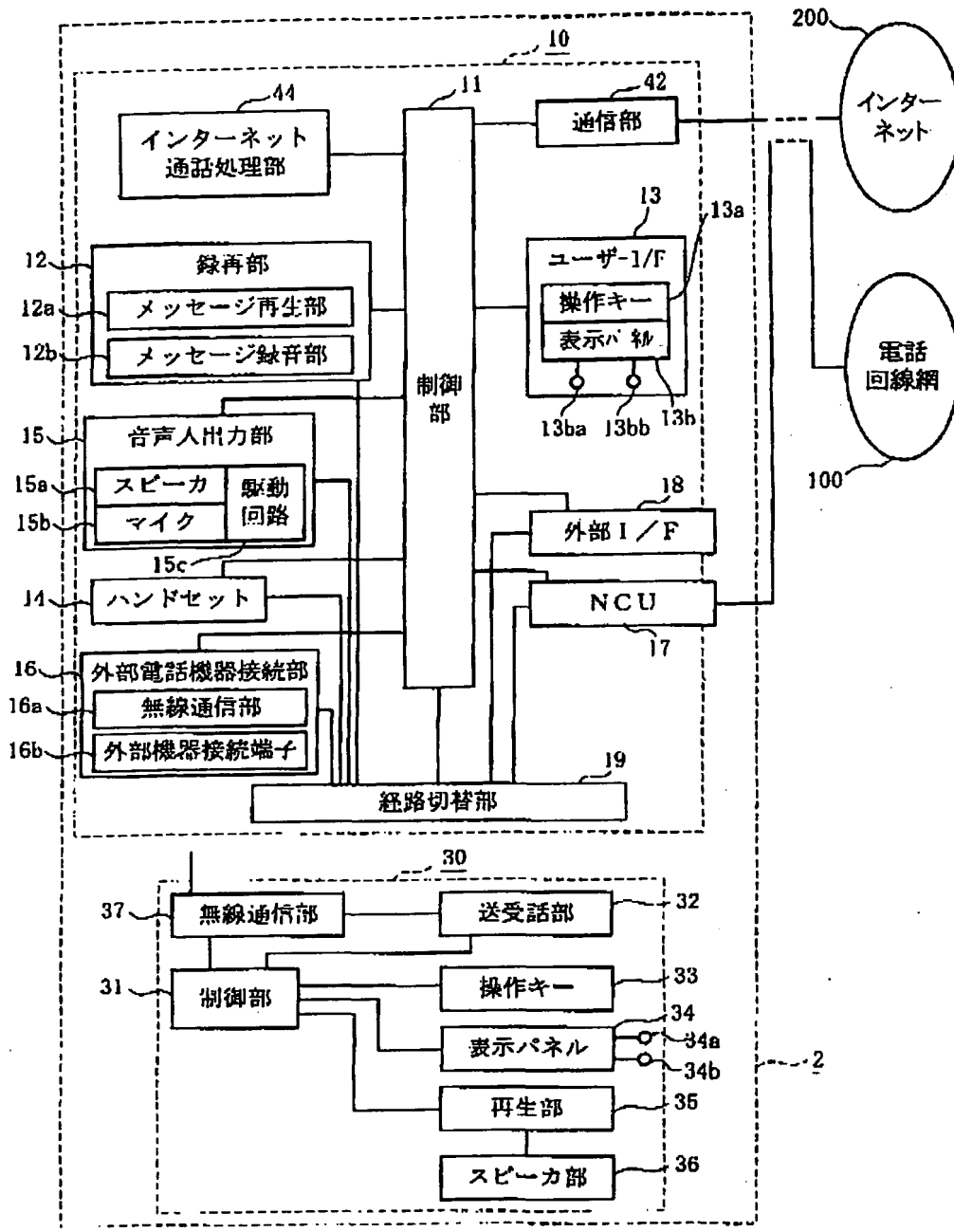


FIG. 5

- 11 CONTROL SECTION
- 12 RECORD AND PLAYBACK SECTION
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- 33 OPERATION KEYS
- 34 DISPLAY PANEL
- 35 PLAYBACK SECTION
- 36 LOUDSPEAKER SECTION
- 37 RADIO COMMUNICATION SECTION
- 42 COMMUNICATION SECTION
- 44 INTERNET CONVERSATION PROCESSING SECTION
- 100 TELEPHONE NETWORK
- 200 INTERNET

FIG. 6

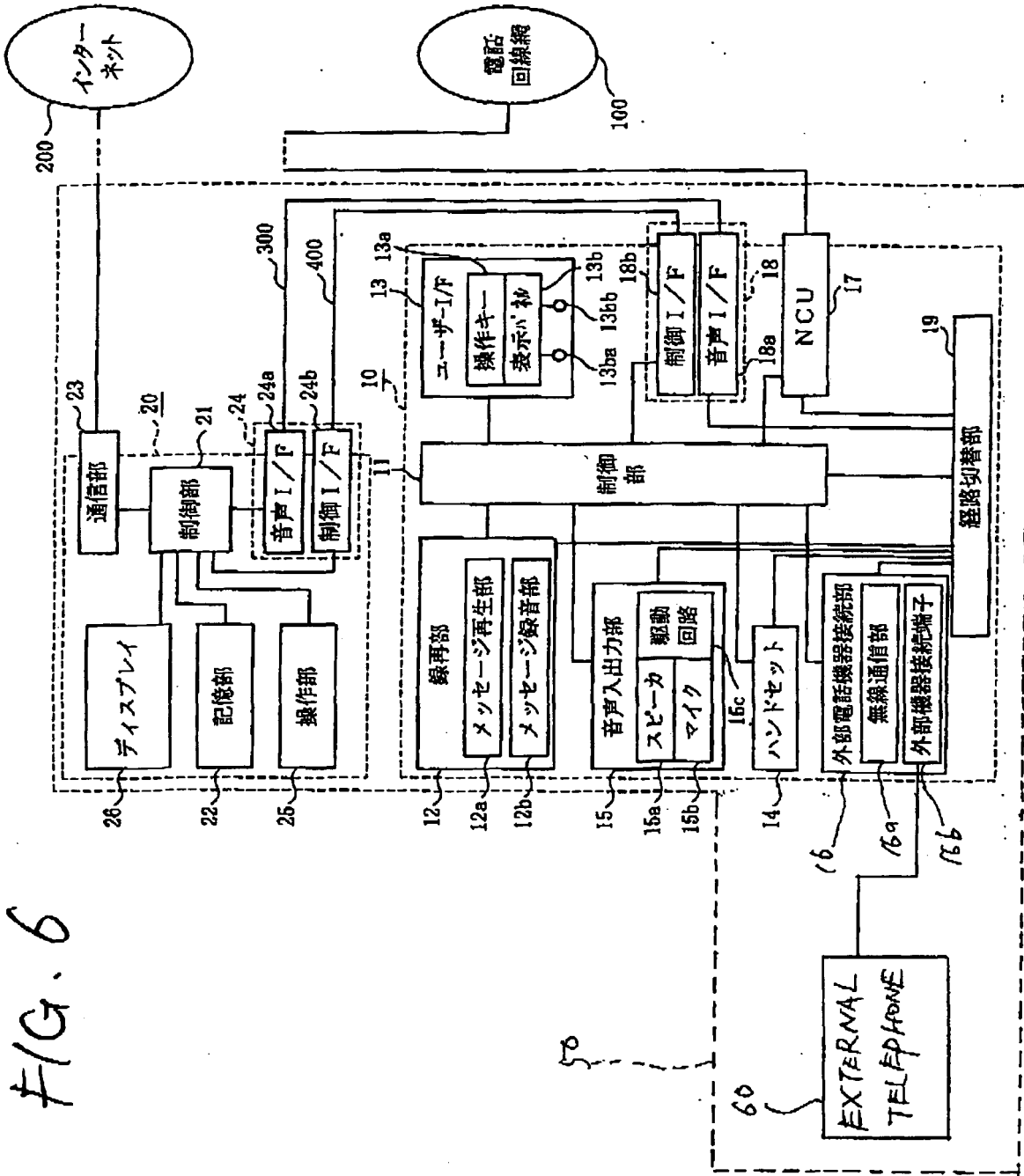


FIG. 6

- 11 CONTROL SECTION
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- 22 STORAGE SECTION
- 23 COMMUNICATION SECTION
- 24a VOICE I/F
- 24b CONTROL I/F
- 25 OPERATION SECTION
- 26 DISPLAY

- 100 TELEPHONE NETWORK
- 200 INTERNET

FIG. 7

- 111 CONTROL SECTION
- 112 RECORD AND PLAYBACK SECTION
- 112a MESSAGE PLAYBACK SECTION
- 112b MESSAGE RECORD SECTION
- 113 USER I/F
- 113a OPERATION KEYS
- 113b DISPLAY PANEL
- 114 HANDSET
- 115 VOICE INPUT/OUTPUT SECTION
- 115a LOUDSPEAKER
- 115b MICROPHONE
- 115c DRIVE CIRCUIT